

§ 420.95

40 CFR Ch. I (7–1–00 Edition)

SUBPART I—Continued

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

(3) Strip, sheet and plate—continuous.

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS	0.0496	0.0213
O&G ¹	0.0213	0.00710
Chromium	0.000710	0.000284
Nickel	0.000638	0.000213
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

(4) Strip, sheet, and plate—batch.

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS	0.0175	0.00751
O&G ¹	0.00751	0.00250
Chromium	0.000250	0.000100
Nickel	0.000225	0.0000751
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

(5) Pipe, tube, and other products.

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS	0.0292	0.0125
O&G ¹	0.0125	0.00418
Chromium	0.000418	0.000167
Nickel	0.000376	0.000125
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

(6) Fume scrubbers.

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
TSS	5.72	2.45
O&G ¹	2.45	0.819
Chromium	0.0819	0.0327
Nickel	0.0735	0.0245
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

The above limitations shall be applicable to each fume scrubber associated with a combination acid pickling operation.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21032, May 17, 1984]

§ 420.95 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources.

(a) Sulfuric acid (spent acid solutions and rinse waters).

(1) Rod, wire, and coil.

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SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead	0.000526	0.000175
Zinc	0.000701	0.000234

(2) Bar, billet, and bloom.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead	0.000169	0.0000563
Zinc	0.000225	0.0000751

(3) Strip, sheet, and plate.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead	0.000338	0.000113
Zinc	0.000451	0.000150

(4) Pipe, tube, and other products.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead	0.000939	0.000313
Zinc	0.00125	0.000417

(5) Fume scrubber.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
Lead	0.0368	0.0123
Zinc	0.0491	0.0164

Note: The above limitations are applicable to each fume scrubber associated with sulfuric acid pickling operations.

(b) Hydrochloric acid pickling (spent acid solutions and rinse waters).

(1) Rod, wire, and coil.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead	0.000920	0.000307
Zinc	0.00123	0.000409

(2) Strip, sheet, and plate.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead	0.000526	0.000175
Zinc	0.000701	0.000234

(3) Pipe, tube, and other products.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead	0.00192	0.000638

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SUBPART I—Continued

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Zinc	0.00255	0.000851

(4) Fume scrubber.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kilograms per day		
Lead	0.0368	0.0123
Zinc	0.0491	0.0164

Note: The above limitations shall be applicable for each fume scrubber associated with hydrochloric acid pickling operations.

(5) Acid regeneration (absorber vent scrubber).

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kilograms per day		
Lead	0.245	0.0819
Zinc	0.327	0.109

Note: The above limitations shall be applicable to the absorber vent scrubber wastewater associated with hydrochloric acid regeneration plants.

(c) Combination acid pickling (spent acid solutions and rinse waters).

(1) Rod, wire, and coil.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Chromium	0.00213	0.000852
Nickel	0.00192	0.000638

(2) Bar, billet, and bloom.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Chromium	0.000960	0.000384
Nickel	0.000864	0.000288

(3) Strip, sheet, and plate—continuous.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Chromium	0.00626	0.00250
Nickel	0.00563	0.00188

(4) Strip, sheet, and plate—batch.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Chromium	0.00192	0.000768
Nickel	0.00173	0.000576

(5) Pipe, tube, and other products.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Chromium	0.00322	0.00129

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SUBPART I—Continued

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Nickel	0.00289	0.000964

(6) Fume scrubber.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kilograms per day		
Chromium	0.0819	0.0327
Nickel	0.0735	0.0245

Note: The above limitations shall be applicable to each fume scrubber associated with a combination acid pickling operation.

[47 FR 23284, May 27, 1982; 47 FR 41739, Sept. 22, 1982, as amended at 49 FR 21033, May 17, 1984]

§ 420.96 Pretreatment standards for new sources (PSNS).

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources.

(a) Sulfuric acid pickling (spent acid solutions and rinse waters).

(1) Rod, wire, coil.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Lead	0.0000939	0.0000313
Zinc	0.000125	0.0000417

(2) Bar, billet, and bloom.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Lead	0.0000563	0.0000188
Zinc	0.0000751	0.0000250

(3) Strip, sheet, and plate.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Lead	0.0000751	0.0000250
Zinc	0.000100	0.0000334

(4) Pipe, tube, other products.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
Lead	0.000131	0.0000438
Zinc	0.000175	0.0000584

(5) Fume scrubber.

SUBPART I

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kilograms per day		
Lead	0.0368	0.0123
Zinc	0.0491	0.0164

Note: The above limitations are applicable to each fume scrubber associated with sulfuric acid pickling operations.

(b) Hydrochloric acid pickling (spent acid solutions and rinse waters).